Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100119\
Data File : BP000489.D
Acq On : 01 Oct 2019 19:26
Operator : JU
Sample : PB123395BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123395BS

Manual Integrations APPROVED
mohammad
10/2/2019 3:57:28 PM

Quant Time: Oct 02 07:16:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	295039	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	1136667	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	608069	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1100234	20.00	ng		0.00
76) Chrysene-d12	13.99	240	781021	20.00	ng		0.00
87) Perylene-d12	15.46	264	733665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1867119	101.73	ng		0.01
7) Phenol-d6	6.42	99	2254348	101.92	ng		0.00
23) Nitrobenzene-d5	7.33	82	1262374	67.83	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	696643	107.51	ng		0.00
45) 2-Fluorobiphenyl	9.14	172	2548908	67.82	ng		0.00
79) Terphenyl-d14	12.92	244	2790399	72.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	269107	36.715	ng		99
3) Pyridine	3.30	79	655598	32.737	ng		100
4) n-Nitrosodimethylamine	3.25	42	238051	42.243	ng		100
6) Aniline	6.43	93	836995	31.149	ng	#	58
8) 2-Chlorophenol	6.56	128	810411	44.738	ng		98
9) Benzaldehyde	6.32	77	386194	33.521	ng		99
10) Phenol	6.43	94	933126	41.205	ng		87
11) bis(2-Chloroethyl)ether	6.51	93	764103	43.857	ng		98
12) 1,3-Dichlorobenzene	6.72	146	893636	40.697	ng		98
13) 1,4-Dichlorobenzene	6.79	146	905934	41.000	ng		99
14) 1,2-Dichlorobenzene	6.95	146	840458	41.198	ng		99
15) Benzyl Alcohol	6.92	79	634050	44.388	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	676707	42.107	ng		97
17) 2-Methylphenol	7.03	107	673664	44.999	ng		98
18) Hexachloroethane	7.29	117	324155	41.220	ng		94
19) n-Nitroso-di-n-propylamine	7.19	70	434424	42.611	ng		99
20) 3+4-Methylphenols	7.19	107	774239	44.198	ng	#	80
22) Acetophenone	7.18	105	1074437	40.908	ng	#	99
24) Nitrobenzene	7.35	77	772511	43.038	ng		97
25) Isophorone	7.59	82	1442280	43.665	ng		98
26) 2-Nitrophenol	7.67	139	442694	46.899	ng		98
27) 2,4-Dimethylphenol	7.72	122	716393	49.511	ng		100
28) bis(2-Chloroethoxy)methane	7.80	93	954488	42.522	ng		99
29) 2,4-Dichlorophenol	7.92	162	724243	44.268	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	788849	41.055	ng		99
31) Naphthalene	8.08	128	2255683	42.491	ng		99
32) Benzoic acid	7.85	122	432373	47.324	ng		99
33) 4-Chloroaniline	8.12	127	623344	26.743	ng		99
34) Hexachlorobutadiene	8.20	225	476696	41.053	ng		98
35) Caprolactam	8.49	113	227971m	41.602	ng		
36) 4-Chloro-3-methylphenol	8.62	107	713649	44.537	ng		99
37) 2-Methylnaphthalene	8.77	142	1538065	43.159	ng		99
38) 1-Methylnaphthalene	8.87	142	1435416	42.628	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	783831	40.726	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	691563	88.878	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	516963	43.634	ng		98
44) 2,4,5-Trichlorophenol	9.10	196	548933	44.875	ng		99
46) 1,1'-Biphenyl	9.24	154	1852321	40.357	ng		97
47) 2-Chloronaphthalene	9.26	162	1461432	41.177	ng		97
48) 2-Nitroaniline	9.36	65	353630	41.155	ng		94
49) Acenaphthylene	9.68	152	2216215	41.389	ng		99
50) Dimethylphthalate	9.55	163	1738895	41.156	ng		100
51) 2,6-Dinitrotoluene	9.60	165	402078	43.639	ng		95
52) Acenaphthene	9.85	154	1297406	39.943	ng		99
53) 3-Nitroaniline	9.77	138	294427	27.888	ng		95
54) 2,4-Dinitrophenol	9.89	184	351263	114.249	ng	#	87
55) Dibenzofuran	10.03	168	2023937	41.684	ng		98
56) 4-Nitrophenol	9.95	139	579437	85.966	ng		98
57) 2,4-Dinitrotoluene	10.01	165	510064	41.751	ng		98
58) Fluorene	10.38	166	1491650	43.105	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	457974	44.289	ng		99
60) Diethylphthalate	10.25	149	1631743	40.684	ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	787291	42.308	ng		95
62) 4-Nitroaniline	10.39	138	399947	39.389	ng		97
63) Azobenzene	10.52	77	1359341	44.144	ng		99
65) 4,6-Dinitro-2-methylphenol	10.43	198	260668	53.446	ng		84
66) n-Nitrosodiphenylamine	10.49	169	1371912	42.813	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	517128	41.754	ng		94
68) Hexachlorobenzene	10.93	284	570734	40.552	ng		97
69) Atrazine	11.02	200	436705	41.528	ng		99
70) Pentachlorophenol	11.13	266	559203	98.925	ng		97
71) Phenanthrene	11.34	178	2293290	41.503	ng		99
72) Anthracene	11.39	178	2313017	42.217	ng		99
73) Carbazole	11.55	167	2107319	41.492	ng		99
74) Di-n-butylphthalate	11.89	149	2460930	39.776	ng		99
75) Fluoranthene	12.54	202	2435496	39.245	ng		100
77) Benzidine	12.66	184	733878	32.449	ng		100
78) Pyrene	12.77	202	2467481	45.807	ng		100
80) Butylbenzylphthalate	13.40	149	1049291	44.702	ng		98
81) Benzo(a)anthracene	13.97	228	1995007	41.865	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	776371	41.016	ng		98
83) Chrysene	14.01	228	1995003	42.654	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1286721	43.586	ng		98
85) Di-n-octyl phthalate	14.59	149	2335159	43.641	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1377946	23.585	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	2090173	50.217	ng		98
89) Benzo(k)fluoranthene	15.06	252	2041675	51.523	ng		98
90) Benzo(a)pyrene	15.40	252	2015337	51.941	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1152308	30.621	ng	#	92
92) Benzo(g,h,i)perylene	17.39	276	1134496	29.669	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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